## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	((STEPHEN) near2 (POLLINGTON)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 09:42
S2	16	((RAJ) near2 (RAJARAM)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 09:42
S3	176	((ANDREW) near2 (WALKER)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 09:43
S4	7	((STEPHEN) near2 (POLLINGTON)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/04/27 09:43
S5	20	((RAJ) near2 (RAJARAM)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/04/27 09:43
S6	97	((ANDREW) near2 (WALKER)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/04/27 09:43
S7	1052	"423/235". OOLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 09:43
\$8	6	US-1055349-\$.DID. OR US-6202407-\$.DID. OR WO-03033118-\$. DID. OR WO-0231325-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/27 09:43
S9	6	US-162006D-\$.DID. OR US-6314722-\$.DID. OR US-5776423-\$. DID. OR US-5524432-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/27 09:44
S10	3	(("4049583") or ("4134852") or ("4186691")).PN.	USPAT; USOCR	OR	OFF	2009/04/27 10:47
S11	1	("5863508"). <b>PN</b> .	USPAT; USOCR	OR	OFF	2009/04/27 11:01

S12	92	("2898202"   "2946651"   "3072457"   "3867508"   "4902487"   "4916897"   "5433933"   "5540897"   "5665318"   "5700747"   "5701735"   "5733837"   "5766562"   "5768888"   "5776423"   "5788936"   "5833932"   "5876680"   "5882607"   "5884474"   "5884476"   "5894013"   "5894068"   "5907950"   "5908806").PN. OR ("6314722").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 14:59
S13	235	johnson same matthey same public same limited same company. as.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:13
S14	30	S13 and (hydrocarbon same NO)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:17
S15	0	filter same oxidation same catalyst same ("NO.sub.2.") same decompos\$4 same catalyst	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:30
S16	107	filter same oxidation same catalyst same NO same decompos\$4 same catalyst	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:30
S17	0	(platinum or palladium) same ("NO.sub.2.") same decompos\$4 same catalyst same dispose same downstream same oxidation same catalyst	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:36
S18	0	(platinum or palladium) same (NOx) same decompos\$4 same catalyst same dispose same downstream same oxidation same catalyst	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:36
S19	0	(platinum or palladium) same (NO) same decompos\$4 same catalyst same dispose same downstream same oxidation same catalyst	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:36
\$20	0	(platinum or palladium) same (NO) same dispose same downstream same oxidation same catalyst	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:36
S21	0	(platinum or palladium or PGM) same (NO) same dispose same downstream same oxidation same catalyst	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:37
S22	1	(platinum or palladium or PGM) same dispose same downstream same oxidation same catalyst	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:37
S23	764	decompos\$4 same nitrogen same dioxide same hydrocarbon	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:38
S24	18	\$23 and (copper and zeolite or "Ou/ZSM5")	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:39
S25	24	decompos\$4 same nitrogen same dioxide same hydrocarbon	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/27 15:43

S26	5222	decompos\$4 same nitrogen same dioxide	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:47
S27	19	\$26 and ratio with ((nitrogen same oxide\$2) and (hydrocarbon))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:48
S28	5	\$27 and particulate same filter	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:48
S29	189	\$26 and ratio same ((nitrogen same oxide\$2) and (hydrocarbon))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:51
S30	147	\$26 and ratio same ((nitrogen same oxide\$2) same ((hydrocarbon))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:52
<b>S31</b>	200	\$26 and ((nitrogen same oxid\$3) and hydrocarbon) same ratio	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:53
S32	0	423/235,239.1	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:56
833	2388	423/235,239.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:56
S34	5432	502/309,242,60,350,355,325.cols.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:56
\$35	66	S34 and S26	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:56
S36	120	S33 and S26	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 16:00
S37	43	S36 and hydrocarbon	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 16:01
S38	1	"20080213145"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 16:29
S39	2	(("6718757") or ("6973776")).PN.	USPAT; USOCR	OR	OFF	2009/04/29 15:17

S40	53	("3757521"   "4485621"   "4510749"   "4902487"   "5052178"   "5272871"   "5364606"   "5412946"   "5471836"   "5472673"   "5519993"   "5551231"   "5570576"   "5572866"   "5582002"   "5611198"   "5649421"   "5650127"   "5653101"   "5711147"   "5711149"   "5727385"   "5746989"   "5750082"   "5753188"   "5783160"   "5798270"   "5809774"   "5850735"   "5891409"   "5953907"   "5974791"   "6021639"   "6038854"   "6134883"   "6167696"   "6199375"   "6209316"   "6233927"   "6293096"   "6615580").PN. OR ("6718757").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/29 15:17
S41	22	S40 and particulate same filter	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/29 15:17
S42	22	S41 and downstream	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/29 15:18
S43	19	S42 and (hydrocarbon or HC)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/29 15:22
S44	8	("5727385"   "5746989"   "6314722"   "6718757"   "6725647"   "6742330"   "6766642").PN. OR ("6973776").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/29 15:34
S45	0	(60/286,274,297,303,301,311,285,276,288,295.ccls.and (particulatesamefilter)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 15:41
S46	2188	60/286,274,297,303,301,311,285,276,288,295.ccls. and (particulate same filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 15:41
S47	732	S46 and (PGM or platinum or palladium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 15:42

\$48	118	\$47 and ((dispos\$3 same oxidation same catalyst) and NOx)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 15:42
<b>S</b> 49	115	S48 and downstream	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 15:43
\$50	0	S49 and (upstream same decomoposition)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 15:50
\$51	0	\$49 and (upstream same decomopos\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 15:50
S52	106	S49 and (upstream same catalyst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 15:51
\$53	88	S52 and (downstream same oxidation same catalyst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 15:51

S54	16	S53 and (inject\$3 same (hydrocarbon or reductant or HC)) same upstream	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 15:52
S55	18	S48 and (inject\$3 same (hydrocarbon or reductant or HC)) same upstream	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 15:54
S56	241	S46 and (inject\$3 same (hydrocarbon or reductant or HC)) same upstream	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 15:57
S57	0	S56 and ((PGM or platinum or palladium) same NOx same catalyst same dispose same downstream same oxidation same catalyst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 15:58
S58	0	S56 and (NOx same catalyst same dispose same downstream same oxidation same catalyst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 15:58
\$59	0	S46 and (NOx same catalyst same dispose same downstream same oxidation same catalyst)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 15:58

\$60	200	S56 and (catalyst same downstream)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM TDB	OR	OFF	2009/04/29 16:09
<b>S</b> 61	117	S60 and (PGM or platinum or palladium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 16:10
S62	2388	423/235,239.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/29 16:12
<b>S</b> 63	68	S62 and (inject\$3 same (hydrocarbon or reductant or HC)) same upstream	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 16:12
S64	16	("20060159607"   "4220632"   "4778665"   "4961917"   "5024981"   "5077026"   "5312608"   "5451387"   "5482692"   "5516497"   "5520895"   "5552129"   "5589147"   "5776423"   "6276132"   "6514470").PN. OR ("7378069").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/29 16:13
\$65	2	S64 and (inject\$3 same (hydrocarbon or reductant or HC)) same upstream	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 16:14
<b>S</b> 66	54	S63 and (catalyst same downstream)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 16:15

S67	46	S66 and (PGM or platinum or palladium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 16:15
S68	1	("5,746,989").PN.	USPAT; USOCR	OR	OFF	2009/04/29 16:18
<b>S</b> 69	1	S64 and (inject\$3 same (hydrocarbon or reductant or HC)) same upstream same downstream	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 16:24
S70	1	("5298046").PN.	USPAT; USOCR	OR	OFF	2009/04/29 16:37
S71	1	("4902487").PN.	USPAT; USOCR	OR	OFF	2009/04/29 16:47
S72	1	("20090025368").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/29 16:50
S73	12652	particulate same filter or DPF	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 16:55
S74	40	S73 and (inject\$3 same (hydrocarbon or reductant or HC)) same upstream	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29
S75	1	("6293096").PN.	USPAT; USOCR	OR	OFF	2009/04/29 17:02
S76	107	NOx same catalyst same dispos\$3 same downstream same particulate same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 17:18

S77	88	S76 and oxidation same catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 17:19
S78	0	decompos\$4 same nitrogen same dioxide same to same nitrogen same monoxide	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/30 15:48
S79	5226	decompos\$4 same nitrogen same dioxide	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/30 15:50
S80	189	S79 and ((nitrogen same oxide\$2) and (hydrocarbon)) same ratio	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/30 15:50
S81	497	decompos\$4 same nitrogen same dioxide	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/30 15:52
S82	25	decompos\$4 same nitrogen same dioxide .ti.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/30 15:53
S83	2	decompos\$4 same nitrogen same dioxide .ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/30 15:55

## 5/1/2009 11:15:47 AM

 $\textbf{C:} \ \, \textbf{Documents and Settings} \\ \ \, \textbf{spatel2} \\ \ \, \textbf{My Documents} \\ \ \, \textbf{EAST} \\ \ \, \textbf{Workspaces} \\ \ \, \textbf{2009} \\ \ \, \textbf{10553490.wsp} \\ \ \, \textbf{300} \\$